

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known			
		Application Number	10/536,688		
		Filing Date	May 27, 2005		
		First Named Inventor	Barrera et al.		
		Art Unit	Unknown		
		Examiner Name	Unknown		
Sheet	2	of	5	Attorney Docket Number	11321-P059WOUS

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/TN/	3	Iijima, "Helical microtubules of graphitic carbon", 354 Nature (1991) pp. 56-58	
	4	Iijima et al., "Single-shell carbon nanotubes of 1nm diameter", 363 Nature (1993) pp. 603-605	
	5	Bethune et al., "cobalt-catalysed growth of carbon nanotubes with single-atomic-layer walls", 363 Nature (1993), pp. 605-607, 1993	
	6	Barrera, "Key Methods for Developing Single-Wall Nanotube Composites" 52 J. of Mater. (Nov. 2000), pp. 38-42, 2000	
	7	Thess et al., "Crystalline Ropes of Metallic Carbon Nanotubes", 273 Science (1996), pp. 483-487, 1996	
	8	Hone et al., "Electrical and thermal transport properties of magnetically aligned single wall carbon nanotube films", 77 Appl. Phys. Lett. (2000), pp. 666-668	
	9	Yu et al., "Tensile Loading of Ropes of Single Wall Carbon Nanotubes and their Mechanical Properties", 84 Phys. Rev. Lett. (2000), pp. 5552-5555	
	10	O'Rourke, "Effects of gamma radiation on poly(methyl methacrylate)/single-wall nanotube composites", 17 J. Mater. Res. 10 (2002). pp. 2507-13	
	11	Klimov et al., "Monochromatic gamma radiation emitted by relativistic electron moving in a carbon nanotube", 226 Physics Letters A (1997), pp. 244-252	
↓	12	Cui et al., "Atomistic simulation of radiation damage to carbon nanotube", 295 Physics Letters A (2002), pp. 55-59	

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	14	Ye et al., "Hydrogen adsorption and cohesive energy of single-walled carbon nanotubes" 74 Appl. Phys. Lett. 16, (1999), pp. 2307-2309	
	15	Wilson et al. (Eds.), Shielding Strategies for Human Space Exploration, NASA Conference publication 3360 (1997), pp. 17-28	
	16	Liu et al., "Fullerene Pipes", 280 Science (1998), pp. 1253-1256	
	17	Bahr et al., "Functionalization of Carbon Nanotubes by Electrochemical Reduction of Aryl Diazonium Salts: A Bucky Paper Electrode", 123 J. Am. Chem. Soc. (2001), pp. 6536-6542	
	18	Holzinger et al., "Sidewall Functionalization of Carbon Nanotubes" 40 Angew. Chem. Int. Ed. 21 (2001), pp. 4002-4005	
	19	Khabashesku et al., "Fluorination of single-wall carbon nanotubes and subsequent derivatization reactions", 35 Acc. Chem. Res. (2002), pp. 1087-1095	
	20	Mickelson et al., "Solvation of Fluorinated Single-Wall Carbon Nanotubes in Alcohol Solvents", 103 J. Phys. Chem. B (1999), pp. 4318-4322	
	21	Boul et al., "Reversible sidewall functionalization of buckytubes" 310 Chem. Phys. Lett. (1999), pp. 367-372	
↓	22	Ebbesen, "Carbon Nanotubes", 24 Annu. Rev. Mater. Sci., (1994), pp. 235-264	

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet

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	24	Hafner et al., "Catalytic growth of single-wall carbon nanotubes from metal particles", 296 Chem. Phys. Lett. (1998), pp. 195-202	
	25	Cheng et al., "Bulk morphology and diameter distribution of single-walled carbon nanotubes.." 289 Chem. Phys. Lett. (1998), pp. 602-610	
	26	Nikolaev et al., "Gas-phase catalytic growth of single-walled carbon nanotubes from carbon monoxide", 313 Chem. Phys. Lett. (1999), pp. 91-97	
	27	O'Connell et al., "Band Gap Fluorescence from Individual Single-Walled Carbon Nanotubes", 297 Science (2002), pp. 593-596	
	28	Bachilo et al., "Structure-Assigned Optical Spectra of Single-Walled Carbon Nanotubes" 298 Science (2002), pp. 2361-2366	
	29	Strano et al., "Electronic Structure Control of Single-Walled Carbon Nanotube Functionalization" 301 Science (2003), pp. 1519-1522	
	30	Chiang et al., "Purification and Characterization of Single-Wall Carbon Nanotubes", 105 J. Phys. Chem. B (2001), pp. 1157-1161	
	31	Chiang et al., "Purification and Characterization of Single-Wall Carbon Nanotubes Obtained from the Gas-Phase...", 105 J. Phys. Chem. B (2001), pp. 8297-8301	
↓	32	Gu et al., "Cutting Single-Wall Carbon Nanotubes through Fluorination", 2 Nano Lett. 9, (2002), pp. 1009-1013	

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	34	Mickelson et al., "Fluorination of single-wall carbon nanotubes", 296 Chem. Phys. Lett. (1998), pp. 188-194	
	35	Bahr et al., "Highly Functionalized Carbon nanotubes Using In Situ generated Diazonium Compounds", 13 Chem. Mater. (2001), pp. 3823-3824	
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	37	Pekker et al., "Hydrogenation of Carbon Nanotubes and Graphite in Liquid Ammonia", 105 J. Phys. Chem. B (2001), pp. 7938-43	
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↓	41	Cooper et al., "Distribution and alignment of carbon nanotubes and nanofibrils in a polymer matrix", 62 Composites Sci. & Technol. (2002), pp. 1105-12	

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